

Test for tannins (ferric chloride test)

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An abbreviated version of this protocol was published in BMC Complementary Medicine and Therapies in Jan 2021

Antibacterial activity of methanol extracts of the leaves of three medicinal plants against selected bacteria isolated from wounds of lymphoedema patients

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Detailed protocol

Two millilitres (2 mL) of the aqueous solution of the extract were added to a few drops of 10% Ferric chloride solution (light yellow). The occurrence of blackish blue colour showed the presence of gallic tannins and a green-blackish colour indicated presence of catechol tannins.

How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Woldemichael, D. N. and Nigussie, D. (2022). Test for tannins (ferric chloride test). Bio-protocol Preprint. bio-protocol.org/prep1690.
2. Nigussie, D., Davey, G., Legesse, B. A., Fekadu, A. and Makonnen, E.(2021). Antibacterial activity of methanol extracts of the leaves of three medicinal plants against selected bacteria isolated from wounds of lymphoedema patients. BMC Complementary Medicine and Therapies 0(0). DOI: [10.1186/s12906-020-03183-0](https://doi.org/10.1186/s12906-020-03183-0)

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